

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H111039

Mode: Highway

Status: Submitted

US-64 BUS

From/Cross Street: Western Ave

Specific Improvement Type: 10 - Improve Intersection

To: Cross St

Project Category: Regional Impact

Length: 0.5

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$1,395,000

Description:

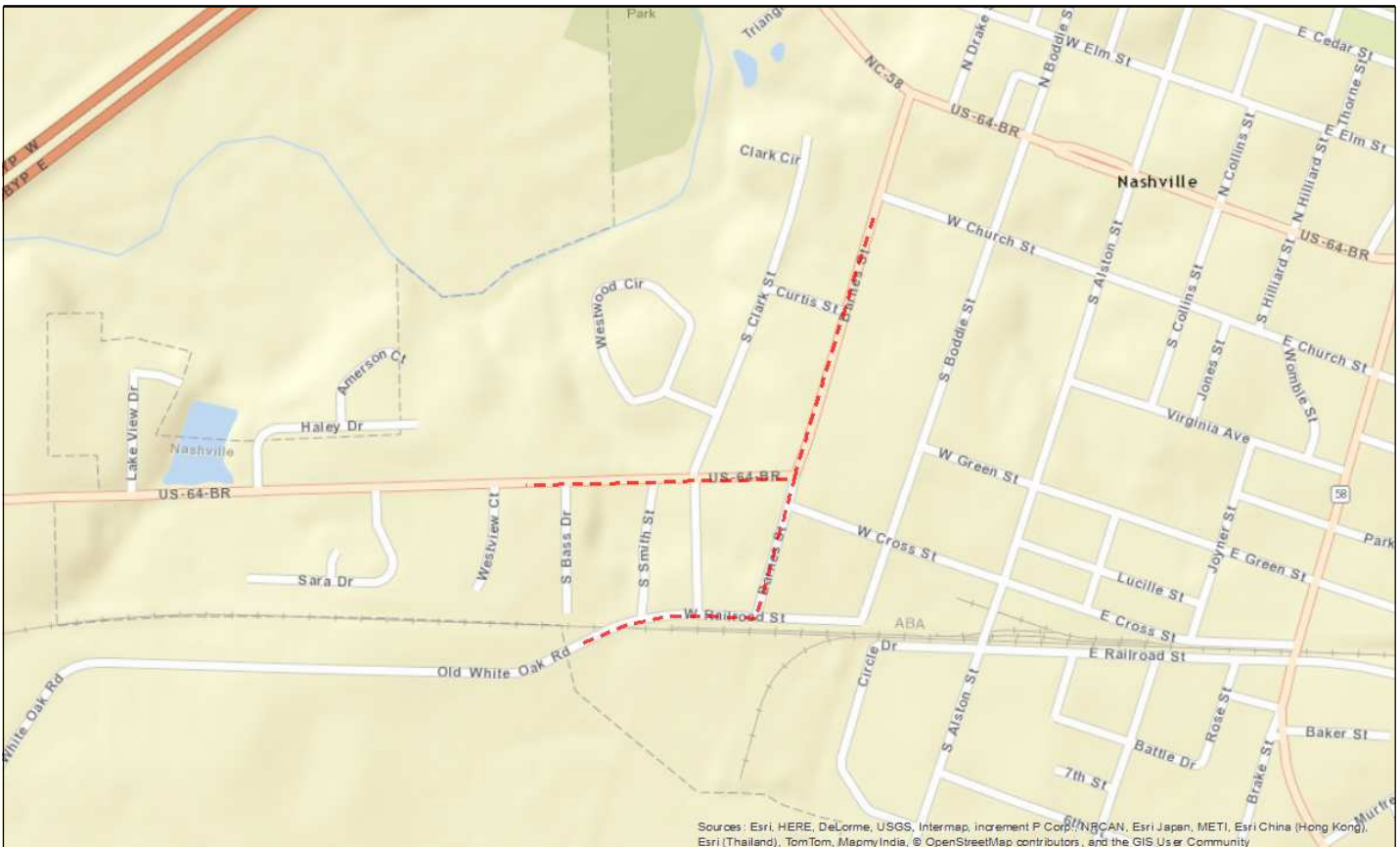
Re-Align the intersection of Western Avenue and Cross Street in the town of Nashville to Eliminate the offset.

Division(s): Division 4

County(s): NASH

MPOS(s)/RPO(s): Rocky Mount Urban Area MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 22.22

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (15%) 0.00	Percent: 15% Points: 0	Percent: 15% Points: 100
Congestion (V/C) (15%) 14.60		
Lane Width (10%) 50.00		
[Paved] Shoulder Width (10%) 0.00		
[Travel Time] Benefit/Cost (20%) 0.13		
Totals: Weight: 70% Weighted Score: 7.22		

Division Needs Total Score: 6.47

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 0.00	Percent: 25% Points: 0	Percent: 25% Points: 0
[Travel Time] Benefit/Cost (10%) 0.13		
Lane Width (10%) 50.00		
[Paved] Shoulder Width (10%) 0.00		
Congestion (V/C) (10%) 14.60		
Totals: Weight: 50% Weighted Score: 6.47		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	6351.51
Capacity:	31600
Volume/Capacity Ratio:	0.2
% Autos:	96%
% Trucks:	4%
Truck Volume:	260.11
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	20
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	55
Actual Congested Speed:	0
Travel Time Index:	

Project Benefits

Project Cross-Section:	
Speed Limit:	35
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	8000
Travel Time Savings for 30 Years (Autos):	7672.38
Travel Time Savings for 30 Years (Trucks):	327.62
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 4

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 4	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Rocky Mount Urban Area MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$1,125,000	Cost Estimation Tool
Right-of-Way Cost:	\$270,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$1,395,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$1,395,000	